

03-07-02 A



CERTIFICATE OF MAILING BY EXPRESS MAIL

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I, David Herlander, hereby certify that the below identified application and attached documents, pursuant to 37 C.F.R. §1.10, are being deposited as "Express Mail" this date with the United States Postal service in an envelope addressed to Box PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231, on

Date: 3/6/02

By

Signature of person depositing Express Mail

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**DIVISIONAL FILING PURSUANT TO 37 C.F.R. §1.53(b)(1)**

Docket No.: 50847.00114

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Commissioner:

Herewith is the divisional patent application of Applicant: Frazier, et al.

TITLE: CLOSE/INTRA-FORMATION POSITIONING COLLISION  
AVOIDANCE SYSTEM AND METHOD

Which is a: [ ] Continuation [ X ] Divisional of U.S. patent application no. 09/223,533,  
filed December 30, 1998.

**Including a copy of the prior application as filed, consisting of:**

- [ x ] Abstract
- 41 Pages of Specification (Only specification and claims)
- 37 Numbered claim(s)
- 10 Sheets of drawing: [ ] informal    [ x ] formal

The undersigned hereby verifies that the foregoing papers are a true copy of what is shown in our records to be the above identified prior application, including the oath or declaration originally filed.

**Small entity status:**

[ ] Applicant asserts "small entity" status under 37 C.F.R. §1.9 and 1.27.



**Assignment:**

[ x ] The current application is assigned to L-3 Communications Corporation. The assignment has been recorded at Reel 011847, Frame 0636.

**Amendments:**

- [ x ] Request for Entry of Substitute Specification Under 37 C.F.R. § 1.125  
[ x ] Substitute Specification and Version with Markings to Show Changes Made

**Other Enclosures:**

- [ x ] Copy of executed Declaration and Oath Filed in parent application no. 09/223,533  
[ x ] Information Disclosure Statement/PTO Form 1449  
[ x ] Abstract

**IS BASED ON CLAIMS AS FILED  
LESS ANY ABOVE CANCELED**

**Per MPEP §§506 AND 607**

	Claims filed	Basic claims	Present Extra	Fees
Basic Fee:				\$710.00
Total Effective Claims	15	minus 20	= 0 x \$ 18.00	= \$ .00
Independent Claims	1	minus 3	= 0 x \$ 80.00	= .00
			Subtotal	= \$710.00

If "small entity" status box above is checked, enter half (1/2) of Subtotal and subtract

TOTAL FILING FEE	=	\$710.00
If "assignment" box is checked, add recording fee:	+ \$ 40.00	
If "37 C.F.R. §1.47" box above is checked, add Petition fee (per 37 C.F.R. §1.17(h)):	+ \$130.00	

**TOTAL FEE ENCLOSED** = **\$710.00**

**Manner of Payment:**

[ ] Please charge Deposit Account No. 19-3878 in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is attached.

[ X ] A Squire, Sanders & Dempsey L.L.P. check in the amount of \$710.00 is attached.

This statement does NOT authorize charge of the issue fee. The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (deficiency only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-3878 for which purpose a duplicate copy of this sheet is attached.

Respectfully submitted,

By William R Bachand  
William R. Bachand  
Reg. No. 34,980

SQUIRE, SANDERS & DEMPSEY L.L.P.  
Two Renaissance Square  
40 North Central Avenue, Suite 2700  
Phoenix, Arizona 85004-4424  
(602) 528-4100

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**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

Applicant(s): Frazier, et al Docket No.: 50847.00114  
Application No.: Not Yet Assigned Group Art Unit: Not Yet Assigned  
Filing Date: March 6, 2002 Examiner: Not Yet Assigned  
TITLE CLOSE/INTRA-FORMATION POSITIONING COLLISION  
AVOIDANCE SYSTEM AND METHOD

**REQUEST FOR ENTRY OF SUBSTITUTE SPECIFICATION  
UNDER 37 C.F.R. § 1.125**

Commissioner for Patents  
Washington, DC 20231

Commissioner:

The captioned application is a divisional application of and claims priority to U.S. Patent Application Serial No. 09/223,533, filed December 30, 1998 with claims 1-37. In the prosecution of the parent application, claims 14-29 were cancelled in light of a restriction requirement imposed by the Examiner.

Prior to examination please enter the enclosed substitute specification prepared for publication. The substitute specification differs from the originally filed parent application as shown in the enclosed marked-up version showing changes made. In the substitute specification, claims 1-37 of the parent are cancelled and claims 38-52 are newly presented here. A replacement abstract is enclosed. New claims are submitted to more particularly point out and distinctly claim the invention for which protection is sought. No new matter is submitted.

The Examiner is invited to telephone me at the telephone number listed below if it would in any way advance prosecution of this case.

Respectfully submitted,

March 6, 2002  
Date

William R Bachand  
William. R. Bachand  
Reg. No. 34,980

SQUIRE, SANDERS & DEMPSEY L.L.P.  
Two Renaissance Square  
40 North Central Avenue, Suite 2700  
Phoenix, Arizona 85004-4498  
(602) 528-4100